

**EAST Search History**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	200059	(display or (user near interface) or present\$5 or view).clm.	US-PGPUB	OR	OFF	2007/10/03 18:47
L2	55265	L1 and (application or program).clm.	US-PGPUB	OR	OFF	2007/10/03 18:47
L3	21787	L2 and (network or intranet or internet or web or online or (client and server)).clm.	US-PGPUB	OR	OFF	2007/10/03 18:47
L4	296	L3 and applet.clm.	US-PGPUB	OR	OFF	2007/10/03 18:47
L5	83	(character\$6 or variables or parameters or criteria).clm. and L4	US-PGPUB	OR	OFF	2007/10/03 18:47
L6	51	L5 and (group or set).clm.	US-PGPUB	OR	OFF	2007/10/03 18:48
L7	241454	(character\$6 or variables or parameters or criteria).clm.	US-PGPUB	OR	OFF	2007/10/03 18:49
L8	43374	L7 and (display or (user near interface) or present\$5 or view).clm.	US-PGPUB	OR	OFF	2007/10/03 18:49
L9	15476	L8 and (application or program).clm.	US-PGPUB	OR	OFF	2007/10/03 18:49
L10	6252	L9 and (network or intranet or internet or web or online or (client and server)).clm.	US-PGPUB	OR	OFF	2007/10/03 18:49
L11	83	L10 and applet.clm.	US-PGPUB	OR	OFF	2007/10/03 18:49
S1	235022	(character\$6 or variables or parameters or criteria).clm.	US-PGPUB	OR	OFF	2007/08/07 15:39
S2	42104	S1 and (display or (user near interface) or present\$5 or view).clm.	US-PGPUB	OR	OFF	2007/08/07 15:39
S3	15029	S2 and (application or program).clm.	US-PGPUB	OR	OFF	2007/08/07 15:39
S4	6094	S3 and (network or intranet or internet or web or online or (client and server)).clm.	US-PGPUB	OR	OFF	2007/08/07 15:39
S5	81	S4 and applet.clm.	US-PGPUB	OR	OFF	2007/08/07 15:39
S6	193601	(display or (user near interface) or present\$5 or view).clm.	US-PGPUB	OR	OFF	2007/08/07 15:39
S7	53432	S6 and (application or program).clm.	US-PGPUB	OR	OFF	2007/08/07 15:39
S8	21115	S7 and (network or intranet or internet or web or online or (client and server)).clm.	US-PGPUB	OR	OFF	2007/08/07 15:39
S9	286	S8 and applet.clm.	US-PGPUB	OR	OFF	2007/08/07 15:39

## EAST Search History

S10	81	(character\$6 or variables or parameters or criteria).clm. and S9	US-PGPUB	OR	OFF	2007/08/07 15:40
S11	3	S10 and (dimension\$2 or array).clm.	US-PGPUB	OR	OFF	2007/08/07 15:40
S12	49	S10 and (group or set).clm.	US-PGPUB	OR	OFF	2007/08/07 15:41
S13	2	"5960411".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 14:03
S14	5	"7107534".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 14:07
S15	2	"6535227".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 14:22
S16	2	"6384842".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/08 14:23

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	43817	(hierarch\$4 or tree).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:22
L2	6850	L1 and (data or characterist\$3 or information).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:22
L3	5809	L2 and (tree or map or hierarch\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:22
L4	741	L3 and ((tree or map or hierarch\$4) with (menu or select\$4)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:23
L5	90	4 and (web or (client and server) or online or internet).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:23
L6	177882	(tree or map or hierarch\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 15:54
L7	15434	6 and ((tree or map or hierarch\$4) with (menu or select\$4)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 15:27
L8	832	7 and (web or (client and server) or online or internet).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:44

## EAST Search History

L9	438	8 and ((web or (client and server) or online or internet) with (user or select\$3 or choos\$3 or criteria or receiv\$3)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:44
L10	45	8 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:45
L11	33	9 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 15:34
L12	12778	((web or (client and server) or online or internet) with (user or select\$3 or choos\$3 or criteria or receiv\$3) with (application or program or applet or software)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:24
L13	51	((web or (client and server) or online or internet) with (user or select\$3 or choos\$3 or criteria or receiv\$3) with (application or program or applet or software) with (color or hue or tone or histogram or shade)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:54
L14	490218	((database or storage or memory) and (web or (client and server) or online or internet)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:15
L15	54152	((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)).bi. and 14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 15:53
L16	2273	((tree or map or hierarch\$4) same ((user or select\$3 or choos\$3 or criteria or receiv\$3) with (product or buy or purchas\$3 or consumer))).bi. and 15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:07

## EAST Search History

L17	1455	16 and (menu or popup or (pop near up) or pop-up or window).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:09
L18	584	16 and ((menu or popup or (pop near up) or pop-up or window) with (product or buy or purchas\$3 or consumer)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:09
L19	584	18 and ((menu or popup or (pop near up) or pop-up or window) with (product or buy or purchas\$3 or consumer)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:10
L20	496	19 and ((menu or list or palette or choices) with (product or buy or purchas\$3 or consumer)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:11
L21	381	((web or (client and server) or online or internet) with (application or program or applet or software)).bi. and 20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:12
L22	360	((database or storage or memory) with (user or select\$3 or choos\$3 or criteria or receiv\$3)).bi. and 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:13
L23	360	((database or storage or memory) and (web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)).bi. and 22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:15
L24	31525	23 and ("705"/\$.ccls.) or ("715"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:16

## EAST Search History

L25	191	23 and ("705"/\$.ccls. or "715"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:17
L26	166	25 and "705"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:17
L27	31	26 and 705/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:22
L28	1938	705/27.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:22
L29	430	(hierarch\$4 or tree).bi. and 28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:36
L30	428	29 and (data or characterist\$3 or information).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:36
L31	428	30 and (tree or map or hierarch\$4).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:22
L32	157	31 and ((tree or map or hierarch\$4) with (menu or select\$4)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:36

## EAST Search History

L33	145	32 and (web or (client and server) or online or internet).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:23
L34	118	33 and ((web or (client and server) or online or internet) with (user or select\$3 or choos\$3 or criteria or receiv\$3)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:23
L35	83	34 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:24
L36	48	((web or (client and server) or online or internet) with (user or select\$3 or choos\$3 or criteria or receiv\$3) with (application or program or applet or software)).bi. and 35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:36
L37	262	715/708.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:36
L38	79	(hierarch\$4 or tree).bi. and 37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:43
L39	79	38 and (data or characterist\$3 or information).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:43
L40	23	39 and ((tree or map or hierarch\$4) with (menu or select\$4)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:43

## EAST Search History

L41	516	715/738.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:43
L42	180	(hierarch\$4 or tree).bi. and 41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:43
L43	180	42 and (data or characterist\$3 or information).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:43
L44	77	43 and ((tree or map or hierarch\$4) with (menu or select\$4)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:43
L45	74	44 and (web or (client and server) or online or internet).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:44
L46	65	45 and ((web or (client and server) or online or internet) with (user or select\$3 or choos\$3 or criteria or receiv\$3)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:44
L47	21	46 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:50



## EAST Search History

L48	32	("4860204"   "5136690"   "5191646"   "5276789"   "5323314"   "5339393"   "5414838"   "5428554"   "5446838"   "5581797"   "5590250"   "5627979"   "5644740"   "5737533"   "5737556"   "5761656"   "5781904"   "5787402"   "5790121"   "5805444"   "5809483"   "5819285"   "5986673"   "5987469"   "6018730"   "6078901"   "6112188").PN. OR ("6583794").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/03 16:52
L49	80	(color or hue or tone or histogram or shade).bi. and 32	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:55
L50	16	(color or hue or tone or histogram or shade).bi. and 48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:58
L51	10	(US-6583794-\$ or US-5987469-\$ or US-5986673-\$ or US-5581797-\$ or US-6944830-\$ or US-6990238-\$ or US-5974441-\$ or US-6301583-\$ or US-5493658-\$).did. or (EP-972258-\$).did.	USPAT; DERWENT	OR	OFF	2007/10/03 16:58
L52	6	(color or hue or tone or histogram or shade).bi. and 51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:49
L53	729	715/744.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56
L54	229	715/747.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:49

## EAST Search History

L55	339	(color or hue or tone or histogram or shade).bi. and 53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:53
L56	68	55 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)). bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:53
L57	115	(color or hue or tone or histogram or shade).bi. and 54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56
L58	18	57 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)). bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56
L59	1283	715/810.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56
L60	602	(color or hue or tone or histogram or shade).bi. and 59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56
L61	33	60 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)). bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56
L62	872	715/853.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56

## EAST Search History

L63	419	(color or hue or tone or histogram or shade).bi. and 62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56
L64	32	63 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:57
L65	729	715/854.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:57
L66	305	(color or hue or tone or histogram or shade).bi. and 65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:56
L67	36	66 and ((web or (client and server) or online or internet) with (product or buy or purchas\$3 or consumer)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:57
L68	75	715/528.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 17:57
S1	2	"6583794".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 11:21
S2	0	("6583794").URPN.	USPAT	OR	OFF	2006/01/24 11:22

## EAST Search History

S3	27	("4860204"   "5136690"   "5191646"   "5276789"   "5323314"   "5339393"   "5414838"   "5428554"   "5446838"   "5581797"   "5590250"   "5627979"   "5644740"   "5737533"   "5737556"   "5761656"   "5781904"   "5787402"   "5790121"   "5805444"   "5809483"   "5819285"   "5986673"   "5987469"   "6018730"   "6078901"   "6112188").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/24 12:37
S4	15	("5987469").URPN.	USPAT	OR	OFF	2006/01/24 12:41
S5	17	("5986673").URPN.	USPAT	OR	OFF	2006/01/24 12:51
S6	13	("5581797").URPN.	USPAT	OR	OFF	2006/01/24 13:09
S7	202	715/708.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:20
S8	39306	(hierarch\$ or tree).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/03 16:16
S9	27821	(hierarch\$ or tree).ab. and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:28
S10	23	S9 and (tree near map).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:21
S11	346	menu.ab. and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:28
S12	31	(web or internet or online or (client and server)).ab. and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:36

## EAST Search History

S13	5	("6301583").URPN.	USPAT	OR	OFF	2006/01/24 13:35
S14	0	S11 and (criteria and user).ab.	USPAT	OR	OFF	2006/01/24 13:35
S15	27459	(dimension\$ and (field or array)). clm.	USPAT	OR	OFF	2006/01/24 13:36
S16	469	(web or internet or online or (client and server)).clm. and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:41
S17	372	S16 and (array or tree or dimensional).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:41
S18	3	S17 and menu.clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:43
S19	16	S17 and (user and input).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/24 13:43
S20	12742	(client and server).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/18 11:39
S21	1642	S20 and database.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/18 11:40
S22	16	S21 and applet.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/18 11:40

## EAST Search History

S23	43216	(hierarch\$4 or tree).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:36
S24	1637	S23 and (display or (user near interface) or present\$5 or view).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:37
S25	1714	S23 and (display or (user near interface) or present\$5 or view\$7).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 13:40
S26	73	S25 and (multiple or many or several or numerous or various).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:37
S27	1	S26 and (character\$6 or variables or parameters or criteria).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:37
S28	12	S26 and (character\$6 or variables or parameters or criteria).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 13:42
S29	99749	((display or (user near interface) or present\$5 or view) with (window or frame\$1)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:38
S30	357	((display or (user near interface) or present\$5 or view) with (window or frame\$1) with (hierarch\$4 or tree)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:13

## EAST Search History

S31	7	((display or (user near interface) or present\$5 or view) with (window or frame\$1) with (hierarch\$4 or tree) with map).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:13
S32	11	S30 and map.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:14
S33	32	S30 and map.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:13
S34	40879	((display or (user near interface) or present\$5 or view) with (character\$6 or variables or parameters or criteria)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:36
S35	18	((display or (user near interface) or present\$5 or view) with (character\$6 or variables or parameters or criteria) with applet).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:21
S36	673	S34 and applet.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:37
S37	291	S36 and (dimension\$2 or array or collection or range or group).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:22
S38	5102	((display or (user near interface) or present\$5 or view) with (character\$6 or variables or parameters or criteria) with (dimension\$2 or array or collection or range or group)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:38

## EAST Search History

S39	673	S36 and applet.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:37
S40	331	((display or (user near interface) or present\$5 or view) with (character\$6 or variables or parameters or criteria) with (dimension\$2 or array or collection or range or group) with color).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:38
S41	334	((display or (user near interface) or present\$5 or view) with (character\$6 or variables or parameters or criteria) with (dimension\$2 or array or collection or range or group) with (color or tint or shade)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:39
S42	33	((display or (user near interface) or present\$5 or view) with (character\$6 or variables or parameters or criteria) with (dimension\$2 or array or collection or range or group) with (color or tint or shade) with (algorithm or function or process or equation)). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:40
S43	143231	((database or (data near structure) or catalog or list or file or folder) with (character\$6 or variables or parameters or criteria)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:44
S44	8387	((hierarch\$4 or tree) with (display or (user near interface) or present\$5 or view)).bi. and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:54
S45	8387	S44 and (character\$6 or variables or parameters or criteria).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:50



## EAST Search History

S46	248	((hierarch\$4 or tree) with (display or (user near interface) or present\$5 or view) with map).bi. and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:55
S47	17	((window or frame or popup or pop-up) with (display or (user near interface) or present\$5 or view) with (cursor or pointer)).bi. and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 14:57
S48	22	((window or frame or popup or pop-up) with (display or (user near interface) or present\$5 or view) with (cursor or pointer or arrow)).bi. and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:09
S49	74	715/528.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:36
S50	9	(hierarch\$4 or tree).bi. and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:09
S51	857	715/853.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:12
S52	496227	((display or (user near interface) or present\$5 or view) with (window or frame\$1)).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:13
S53	7	S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:13

## EAST Search History

S54	140	((display or (user near interface) or present\$5 or view) with (window or frame\$1) with (hierarch\$4 or tree)).bi. and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:05
S55	34	S54 and map.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:57
S56	102	715/713.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:36
S57	73	(hierarch\$4 or tree).bi. and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:56
S58	73	S57 and (display or (user near interface) or present\$5 or view).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:56
S59	62	S58 and (character\$6 or variables or parameters or criteria).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:56
S60	60	S59 and (multiple or many or several or numerous or various).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:56
S61	30	((display or (user near interface) or present\$5 or view) with (window or frame\$1)).bi. and S60	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:55

## EAST Search History

S62	631	715/733.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:57
S63	286	((display or (user near interface) or present\$5 or view) with (window or frame\$1)).bi. and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:57
S64	272	S63 and (multiple or many or several or numerous or various).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:57
S65	231	S64 and (character\$6 or variables or parameters or criteria).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:58
S66	231	S65 and (display or (user near interface) or present\$5 or view).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:58
S67	90	(hierarch\$4 or tree).bi. and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:58
S68	47	S67 and map.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:58
S69	706	715/744.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:59

## EAST Search History

S70	305	((display or (user near interface) or present\$5 or view) with (window or frame\$1)).bi. and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:59
S71	292	S70 and (multiple or many or several or numerous or various).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:59
S72	252	S71 and (character\$6 or variables or parameters or criteria).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:59
S73	252	S72 and (display or (user near interface) or present\$5 or view).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 15:58
S74	104	(hierarch\$4 or tree).bi. and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:00
S75	52	S74 and map.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:02
S76	224	715/747.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:00
S77	102	((display or (user near interface) or present\$5 or view) with (window or frame\$1)).bi. and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:02

## EAST Search History

S78	97	S77 and (multiple or many or several or numerous or various).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:02
S79	82	S78 and (character\$6 or variables or parameters or criteria).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:02
S80	33	(hierarch\$4 or tree).bi. and S79	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:00
S81	1248	715/810.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:03
S82	463	(hierarch\$4 or tree).bi. and S81	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S83	246	((display or (user near interface) or present\$5 or view) with (window or frame\$1)).bi. and S82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S84	235	S83 and (multiple or many or several or numerous or various).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S85	204	S84 and (character\$6 or variables or parameters or criteria).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04

## EAST Search History

S86	60	S85 and map.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S87	722	715/854.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:03
S88	242	S87 and map.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S89	224	S88 and (character\$6 or variables or parameters or criteria).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S90	214	S89 and (multiple or many or several or numerous or various).bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S91	137	((display or (user near interface) or present\$5 or view) with (window or frame\$1)).bi. and S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S92	92	(hierarch\$4 or tree).bi. and S91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:04
S93	21	((display or (user near interface) or present\$5 or view) with (window or frame\$1) with (hierarch\$4 or tree)).bi. and S92	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/06 16:05

## EAST Search History

S94	2	"5910799".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 13:09
S95	2	"6563430".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 13:56
S96	2	"981320".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 13:56
S97	2	S96 and availability.bi.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/08/07 13:57
S98	43813	(hierarch\$4 or tree).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/01 13:23
S99	6849	S98 and (data or characterist\$3 or information).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/01 13:25
S100	5808	S99 and (tree or map or hierarch\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/01 13:26
S101	741	S100 and ((tree or map or hierarch\$4) with (menu or select\$4)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/02 13:21

## EAST Search History

S10 2	2	"20050229103".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/02 15:43
S10 3	0	"7278116pn."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/02 15:43
S10 4	1	"7278116".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/02 15:44